

# INTERFERENCE SEARCH

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1    | (acquisition and usage and record and replac\$5 and compar\$4 and network and value).clm.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 13:11 |
| L2    | 0    | (replac\$5 and acquisition and verification and storing and collection and usage and mangement).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 13:13 |
| L4    | 0    | (verif\$7 and collect\$3 and record and replac\$5 and network and stor\$3 and usage and total\$5).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 13:16 |

## EAST Search History

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|-------|------|---|--|------------------|---------|------------------|
| L1    | 149  | (726/8).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/02/12 13:40 |
| L2    | 288  | (726/7).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/02/12 13:57 |
| L3    | 77   | (automation with device) and (usage with device) and network and storage and (usage with information) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 13:58 |
| L4    | 8    | L3 and @ad<"20000208"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 14:27 |
| L5    | 134  | device near5 usage same verif\$7 same stor\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 13:59 |
| L6    | 23   | L5 and @ad<"20000208"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 14:19 |
| L7    | 1    | printer same (usage adj information) same verif\$7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 14:00 |
| L10   | 20   | verif\$7 same (user near3 information) same stor\$3 same usage same compar\$3 same user               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 14:18 |
| L11   | 10   | L10 and @ad<"20000208"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 14:19 |

## EAST Search History

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|-----|---|---|--|----|----|------------------|
| L13 | 0 | usage with acquisition with record with compar\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 14:28 |
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Best 200 shown

### 1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies or**
**Publisher:** IBM Press

 Full text available: [pdf\(4.21 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [ir](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on pr better understanding of the execution of the application. The visualization tool we use is Poet, a Waterloo. However, these diagrams are often very complex and do not provide the user with th experience, such tools display repeated occurrences of non-trivial commun ...

### 2 [IS '97: model curriculum and guidelines for undergraduate degree programs in information](#)



Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert E. Longenecker

 December 1996 **ACM SIGMIS Database , Guidelines for undergraduate degree programs or undergraduate degree programs in information systems IS '97**, Volume 28 Iss

**Publisher:** ACM Press

 Full text available: [pdf\(7.24 MB\)](#)

 Additional Information: [full citation](#), [citing](#)s

### 3 [Charles W. Bachman interview: September 25-26, 2004; Tucson, Arizona](#)



Thomas Haigh

 January 2006 **ACM Oral History interviews**
**Publisher:** ACM Press

 Full text available: [pdf\(761.66 KB\)](#)

 Additional Information: [full citation](#), [abstract](#)

Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high s the Army Anti Aircraft Artillery Corp, with which he spent two years in the Southwest Pacific Th from the military, Bachman earned a B.Sc. in Mechanical Engineering in 1948, followed immedi the University of Pennsylvania. On graduation, he went to work for Do ...

### 4 [Computing curricula 2001](#)


 September 2001 **Journal on Educational Resources in Computing (JERIC)**
**Publisher:** ACM Press

 Full text available: [pdf\(613.63 KB\)](#) [html\(2.78 KB\)](#)

 Additional Information: [full citation](#), [references](#), [citing](#)s, [ind](#)

5 Special issue: AI in engineering



D. Sriram, R. Joobhani  
April 1985 **ACM SIGART Bulletin**, Issue 92

**Publisher:** ACM Press

Full text available: [pdf\(8.79 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty half the papers were received over the computer network.

6 Exploiting perception in high-fidelity virtual environments: Exploiting perception in high-fide



**Additional presentations from the 24th course are available on the citation page**

Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez  
July 2006 **ACM SIGGRAPH 2006 Courses SIGGRAPH '06**

**Publisher:** ACM Press

Full text available: [pdf\(5.07 MB\)](#) [mov\(68:6 MIN\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

The objective of this course is to provide an introduction to the issues that must be considered virtual environments. The principles of human perception guide important development of graphical, auditory, and haptic rendering. We aim to show how human perception is exploited within the constraints of available finite computational resources. In this course w ...

**Keywords:** collaborative environments, haptics, high-fidelity rendering, human-computer interaction, perception, virtual reality

7 Technical reports



SIGACT News Staff  
January 1980 **ACM SIGACT News**, Volume 12 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(5.28 MB\)](#)

Additional Information: [full citation](#)

8 Selected IR-related dissertation abstracts



Susanne M. Humphrey  
September 1989 **ACM SIGIR Forum**, Volume 24 Issue 1-2

**Publisher:** ACM Press

Full text available: [pdf\(3.70 MB\)](#)

Additional Information: [full citation](#)

9 GPGPU: general purpose computation on graphics hardware



David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, Aron  
August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

**Publisher:** ACM Press

Full text available: [pdf\(63.03 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [citations](#)

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely graphics architectures provide tremendous memory bandwidth and computational horsepower, processing units that support vector operations up to full IEEE floating point precision. High level hardware, making this computational power accessible. Architecturally, GPUs are highly parallel

10



Applications on the go: MediaAlert - a broadcast video monitoring and alerting system for i

-  Bin Wei, Bernard Renger, Yih-Farn Chen, Rittwik Jana, Huale Huang, Lee Begeja, David Gibbon, Zhi June 2005 **Proceedings of the 3rd international conference on Mobile systems, applications, and services**  
**Publisher:** ACM Press  
 Full text available:  pdf(593.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index term](#)

We present a system for automatic monitoring and timely dissemination of multimedia information appliances based on each user's interest profile. Multimedia processing algorithms detect and index twenty television broadcast programs based on a collection of words and phrases specified by the user, then used to convert the information into a form that is suitable for delivery to the user's mobile devices.

**Keywords:** alerting, automatic speech recognition (ASR), content adaptation, content repurposing, multimedia processing, news monitoring, notification, service platform

# 11 Level II technical support in a distributed computing environment

-  Tim Leehane  
 September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**  
**Publisher:** ACM Press  
 Full text available:  pdf(5.73 MB) Additional Information: [full citation](#), [references](#), [index term](#)



# 12 Embedded web papers: An environment for collaborative content acquisition and editing by

-  Yutaka Kidawara, Tomoyuki Uchiyama, Katsumi Tanaka  
 May 2005 **Special interest tracks and posters of the 14th international conference on Embedded computing systems**  
**Publisher:** ACM Press  
 Full text available:  pdf(1.53 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index term](#)

Digital content is not only stored by servers on the Internet, but also on various embedded devices. In this paper, we propose a content processing mechanism for use in an environment enabling collaboration in real-world situations. We have developed a network management device that makes it possible to coordinate ubiquitous devices. The management device actively configures a network that includes the devices.

**Keywords:** RFID, embedded content, functional web, multiple device operating, ubiquitous computing



# 13 Self-configuring localization systems: Design and Experimental Evaluation

-  Nirupama Bulusu, John Heidemann, Deborah Estrin, Tommy Tran  
 February 2004 **ACM Transactions on Embedded Computing Systems (TECS)**, Volume 3 Issue 1  
**Publisher:** ACM Press  
 Full text available:  pdf(261.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index term](#)

Embedded networked sensors promise to revolutionize the way we interact with our physical environment. This paper describes the motivation and evaluation (on resource-constrained devices) of a *self-configuring* localization system using sensors as an important parameter in determining localization quality, which satisfies the requirements of the system.

**Keywords:** Location, localization, self-configuration, sensor networks

# 14 Client-server computing

-  Alok Sinha  
 July 1992 **Communications of the ACM**, Volume 35 Issue 7  
**Publisher:** ACM Press  
 Full text available:  pdf(7.53 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

**Keywords:** client-server computing

15 An open-source CVE for programming education: a case study: An open-source CVE for p



Andrew M. Phelps, Christopher A. Egert, Kevin J. Bierre, David M. Parks

July 2005

**ACM SIGGRAPH 2005 Courses SIGGRAPH '05**

**Publisher:** ACM Press

Full text available: pdf(7.92 MB)

Additional Information: [full citation](#), [references](#)

16 Extracting usability information from user interface events



David M. Hilbert, David F. Redmiles

December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4

**Publisher:** ACM Press

Full text available: pdf(1.50 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

Modern window-based user interface systems generate user interface events as natural product events can be automatically captured and because they indicate user behavior with respect to a been regarded as a potentially fruitful source of information regarding application usage and us are typically voluminous and rich in detail, automated support is generally ...

**Keywords:** human-computer interaction, sequential data analysis, usability testing, user interf

17 UIO: a uniform I/O system interface for distributed systems



David R. Cheriton

January 1987 **ACM Transactions on Computer Systems (TOCS)**, Volume 5 Issue 1

**Publisher:** ACM Press

Full text available: pdf(3.20 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

A uniform I/O interface allows programs to be written relatively independently of specific I/O se I/O services available in a distributed environment. Ideally, the interface provides this uniform interface or loss of performance. However, a uniform interface does not arise from careful design requires explicit definition. In this paper, the UIO (unifo ...

18 DRM experience: Digital rights management in a 3G mobile phone and beyond



Thomas S. Messerges, Ezzat A. Dabbish

October 2003 **Proceedings of the 3rd ACM workshop on Digital rights management DRM**

**Publisher:** ACM Press

Full text available: pdf(306.59 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

In this paper we examine how copyright protection of digital items can be securely managed in the basic concepts, strategies, and requirements for digital rights management are reviewed. N in the embedded environment of a mobile phone is proposed and the elements in this system a this system are described and a novel "Family Domain" approach to content management ...

**Keywords:** MPEG-21, copyright protection, cryptography, digital content, digital rights manage mobile phone, open mobile alliance, security

19 Computer Communication Networks: Approaches, Objectives, and Performance Consider

Stephen R. Kimbleton, G. Michael Schneider

September 1975 **ACM Computing Surveys (CSUR)**, Volume 7 Issue 3



**Publisher:** ACM Press

Full text available: pdf(3.99 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index](#)

**20** [Mobile devices: m-LOMA - a mobile 3D city map](#)



Antti Nurminen

April 2006

**Proceedings of the eleventh international conference on 3D web technology**

**Publisher:** ACM Press

Full text available: pdf(458.46 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

*m-LOMA*, mobile LOfation-Aware Messaging Application, is designed to be a mobile portal to location-based content, perform textual searches to location-based content, navigate using 2D maps assisted by a GPS, recognize the environment from a 3D map. The 3D map view is the key feature of the m-LOMA rendering photorealistic 3D city models with augmented location-based information in a ...

**Keywords:** 3D graphics, 3D maps, GIS, VRML, mobile computing, mobile guides, visibility

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